PICT/US:04/12849

## Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT

The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No.VIII (ii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to this international application no. PCT/US04/12849

Griffin Analytical Technologies, Inc. is entitled to apply for and be granted a patent by virtue of the following:

an assignment from:

BARKET, Jr., Dennis, 2306 Ottowa Drive, Lafayette, IN 47906, United States of America, dated 10 June 2004 (10.06.04); and

WELLS, J. Mitchell, 3636 Redondo Drive, Lafayette, IN 47905, United States of America, dated 10 June 2004 (10.06.04)

to Griffin Analytical Technologies, Inc.

This declaration is made for the purposes of all designations.

This declaration is co	ontinued on the followi	ng sheet "Continu	nation (	f Roy No	THIT (SIN)

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America) The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

Declaration of inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:	
I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.	
and the description of which it forms a part (if filing declaration with application).	.   .
This declaration is directed to international application No. PCT/ USU4/12849 (if furnishing declaration pursuant to Pule 26ter).	•
I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.	
I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America filing date before that of the application on which foreign priority is claimed.	e d
Prior Applications: US Serial No. 60/465,367, filed 25 April 2003 (25.04.03), entitled "Mass Spectrometry  Instruments and Methods"	· · I
I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined be 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.	l l
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and being are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like s made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.	iul
Name: Dennis Barket, Jr	
Residence: Lafayette, IN	[
(city and either US state, if applicable, or country)  Mailing Address: 2306 Ottawa Drive	
1 afavette IN 47906	• • • •
Citizenship: US	
Citizenship: US  Inventor's Signature:  (if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)  Date:  (of signature which is not contained in the request, or of declaration that is corrected or added under Rule 26ter after filing of the international application)	the the
Name: J. Mitchell Wells	
Residence: Lafayette, IN (oity and either US state, if applicable, or country)	•••
Mailing Address: 3636 Redondo Drive  Lafayette, IN 47905	
Citizenship: US  Inventor's Signature (of signature which is not contained in the request, or of declaration and added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of filing of the international application)  Date: 6/10/04  (of signature which is not contained in the request, or of declaration that is corrected or added under Rule 26ter after filing of the international application)	f the
This declaration is continued on the following sheet, "Continuation of Box No. VIII (iv)".	
I his declaration is continued to the require	est form

Sheet No 3
Box No. V DESIGNATIONS
The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents
However,
DE Germany is not designated for any kind of national protection
KR Republic of Korea is not designated for any kind of national protection
RU Russian Federation is not designated for any kind of national protection
(The check-boxes above may be used to exclude (irrevocably) the designations concerned in order to avoid the ceasing of the effect, under the national law, of an earlier national application from which priority is claimed. See the Notes to Box No. V as to the consequences of such national law provisions in these and certain other States.)

#### Box No. VI PRIORITY CLAIM

The priority of the following earlier application(s) is hereby claimed:

Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:				
		national application: country or Member of WTO	regional application:* regional Office	international application:		
item (1) 25 April 2003	60/456.367	us				
item (2)			• ·			
item (3)						
	s are indicated in the Sunnlem	I Door				

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (on the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified to the purpose of this international application is the receiving Office).	ily i fied

above as.				
all items	<b>x</b> item (1)	item (2)	item (3)	other, see Supplemental Box

### Box No. VII INTERNATIONAL SEARCHING AUTHORITY

Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):

Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the

International Searching Authority):

Date (day/month/year) Number

Number Country (or regional Office)

#### Box No. VIII DECLARATIONS

The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable Number of check-boxes below and indicate in the right column the number of each type of declaration): declarations Box No. VIII (i) Declaration as to the identity of the inventor Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Box No. VIII (iv) Declaration of inventorship (only for the purposes of the designation of the United States of America) Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty

Form PCT/RO/101 (second sheet) (January 2004)

See Notes to the request form

Box No. IX CHECK LIST; LANGUAGE OF FILING					
This international application contains:  (a) in paper form, the following number of sheets:	This international application is accompanied by the following item(s) (mark the applicable check-boxes below and indicate in right column the number of each item):	Number of items			
request (including	1.  fee calculation sheet	: 1			
declaration sheets) : 7 XX	2. 🗷 original separate power of attorney	: 2			
description (excluding sequence listing and/or	3. original general power of attorney	:			
tables related thereto) : 15	4. 🔀 copy of general power of attorney; reference number,				
clains : 9	if any:  5. Statement explaining lack of signature	: 1			
abstract : 1 drawings : e	6. priority document(s) identified in Box No. VI as	:			
Sub-and Sub-and	rtem(s):	:			
sequence listing :	7. translation of international application into (language):	:			
tables related thereto :  (for both, actual number of	8. separate indications concerning deposited microorganism or other biological material	:			
sheets if filed in paper form, whether or not also filed in computer readable form;	<ol> <li>sequence listing in computer readable form (indicate type and number of carriers)</li> </ol>				
see (c) below)	(i) copy submitted for the purposes of international search Rule 13ter only (and not as part of the international app	under lication) :			
Total number of sheets : 38 &5  (b) only in computer readable form	<ul> <li>(ii) (iii) (i) or (c)(i) is marked in left colu additional copies including, where applicable, the copy</li> </ul>	me l			
(Section 801(a)(i)) (i) ☐ sequence listing	(iii) together with relevant statement as to the identity of the	: copy or			
(ii) ables related thereto	copies with the sequence listing mentioned in left colun  10.   tables in computer readable form_elated to sequence listing	nn :			
(c) also in computer readable form (Section 801(a)(ii))	(indicate type and number of carriers)				
(i) sequence listing (ii) tables related thereto	<ul> <li>Copy submitted for the purposes of international search Section 802(b-quater) only (and not as part of the internation)</li> </ul>	unger national			
Type and number of carriers (diskette. CD-ROM, CD-R or other) on which are contained the	(ii) \( \left(  only where check-box (b)(ii) or (c)(ii) is marked in left col additional copies including, where applicable, the copy purposes of international search under Section 302(b-q)	for the			
sequence listing:	(iii) together with relevant statement as to the identity of the	, i			
tables related thereto:	copies with the tables mentioned in left column  11.   Other (specify): PTO Return Receipt Postcard:	: : 3			
items 9(ii) and/or 10(ii), in right column)	Transmittal Letter Check no. 142595 for \$1,8	114.00			
Figure of the drawings which should accompany the abstract:	Language of filing of the international application: English				
Box No. X SIGNATURE OF APPLICANT Next to each signature, indicate the name of the person sign	T, AGENT OR COMMON REPRESENTATIVE ing and the capacity is not obvious from	reading the request)			
	////	reading the requests.			
4/2/2/12	S. H.				
Date	HYTA, Robert C.; Reg. No. 46,791	<del></del>			
	Attorney for Applicant				
For receiving Office use only					
Date of actual receipt of the purported		Drawings:			
international application:		Treceived:			
<ol> <li>Corrected date of actual receipt due to later be timely received papers or drawings completing the purported international application:</li> </ol>	ut g				
4. Date of timely receipt of the required not received: corrections under PCT Article 11(2):					
5. International Searching Authority (if two or more are competent): ISA /  6. Transmittal of search copy delayed until search fee is paid					
For International Bureau use only					
Date of receipt of the record copy by the International Bureau:	,				

Form PCT/RO/101 (last sheet) (January 2004)

See Notes to the request form

## Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT

The declaration must conform to the standardized wording provided for in Section 212; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to this international application no. PCT/US04/12849

Griffin Analytical Technologies. Inc. is entitled to apply for and be granted a patent by virtue of the following:

an assignment from:

BARKET, Jr., Dennis, 2306 Ottowa Drive, Lafayette, IN 47906, United States of America, dated 10 June 2004 (10.06.04); and

WELLS, J. Mitchell. 3636 Redondo Drive, Lafayette. IN 47905. United States of America, dated 10 June 2004 (10.06.04)

to Griffin Analytical Technologies. Inc.

This declaration is made for the purposes of all designations.

This declaration is continued on the following sheet, "Continuation of Box No. VIII (ii)".

Box No. VIII (iii) DECLARATION: ENTITLEMENT TO CLAIM PRIORITY  The declaration must conform to the standar dized wording provided for in Section 213: see Notes to Boxes Not. VIII. VIII (1.12 iv) (In generalized and the specific Notes to Box No. VIII. (iii). If his Box is not used, this sheet should not be included in the sequest.  Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier applicant on the applicant who filed the earlier applicant on where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):  in relation to this international application no. PCT/US04/12849  Griffin Analytical Technologies. Inc. is entitled to claim priority to earlier application serial no. 50/465,367, filed 25 April 2003 (25.04.03) in the United States of America by virtue of the following:  an assignment from BARKET Jr., Dennis and WELLS, J. Mitchell. dated 10 June 2004 (10.06.34).  This declaration is made for the purposes of all designations, except the designation of the United States of America.
Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):  in relation to this international application no. PCT/US04/12849  Griffin Analytical Technologies. Inc. is entitled to claim priority to earlier application serial no. 60/465.367. filed 25 April 2003 (25.04.03) in the United States of America by virtue of the following:  an assignment from BARKET Jr., Dennis and WELLS, J. Mitchell. dated 10 June 2004 (10.06.04).  This declaration is made for the purposes of all designations, except the designation of the United States
below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii)):  in relation to this international application no. PCT/US04/12849  Griffin Analytical Technologies. Inc. is entitled to claim priority to earlier application serial no. 60/465.367. filed 25 April 2003 (25.04.03) in the United States of America by virtue of the following:  an assignment from BARKET Jr., Dennis and WELLS, J. Mitchell. dated 10 June 2004 (10.06.34).  This declaration is made for the purposes of all designations, except the designation of the United States
Griffin Analytical Technologies. Inc. is entitled to claim priority to earlier application serial no. 60/465,367, filed 25 April 2003 (25.04.03) in the United States of America by virtue of the following: an assignment from BARKET Jr., Dennis and WELLS, J. Mitchell, dated 10 June 2004 (10.06.04). This declaration is made for the purposes of all designations, except the designation of the United States
filed 25 April 2003 (25.04.03) in the United States of America by virtue of the following:  an assignment from BARKET Jr., Dennis and WELLS, J. Mitchell, dated 10 June 2004 (10.06.04).  This declaration is made for the purposes of all designations, except the designation of the United States
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This declaration is made for the purposes of all designations, except the designation of the United States of America.
•

Form PCT/RO/101 (declaration sheet (iii)) (January 2004)

This declaration is continued on the following sheet, "Continuation of Box No. VIII (iii)".

Sheet No.

Box No. VIII (iv) DECLARATION: INVENTORSHIP (only for the purposes of the designation of the United States of America) The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.

for the purposes of the designation of	
I hereby declare that I believe I am the original, first and sole (if only is listed below) inventor of the subject matter which is claimed and	one inventor is listed below) or joint (if more than one inventor for which a patent is sought.
This declaration is directed to the international application of which	
This declaration is directed to international application No. PCT/ US to Rule 26ier).	04/12849 (if furnishing declaration pursuant
I hereby declare that my residence, mailing address, and citizenship	are as stated next to my name.
I hereby state that I have reviewed and understand the contents of the of said application. I have identified in the request of said application, and I have identified below, under the heading "Prior Applications," Organization, day, month and year of filing, any application for a pater States of America, including any PCT international application design having a filing date before that of the application on which foreign prior to the same of the application of the same and the same application of the sa	in compliance with PCT Rule 4.10, any claim to foreign priority, by application number, country or Member of the World Trade nt or inventor's certificate filed in a country other than the United ating at least one country other than the United States of America
Prior Applications: US Serial No. 60/465,367, filed 25 April Instruments and Methods"	2003 (25.04.03), entitled "Mass Spectrometry
I hereby acknowledge the duty to disclose information that is 1 37 C.F.R. § 1.56, including for continuation-in-part applications, mate of the prior application and the PCT international filing date of the continuation.	known by me to be material to patentability as defined by
I hereby declare that all statements made herein of my own knowledg are believed to be true; and further that these statements were made made are punishable by fine or imprisonment, or both, under Section false statements may jeopardize the validity of the application or an	with the knowledge that willful false statements and the like so 1001 of Title 18 of the United States Code and that such willful
Name: Dennis Barket, Jr.	
Residence: Lafayette, IN (city and either US state, if applicable, or country)	
Mailing Address: 2306 Ottawa Drive	
	•••••
Citizenship: US  Inventor's Signature:	Date: 6/10/04  tof signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
Name: J. Mitchell Wells	
Residence: Lafayette, IN (city and either US state, if applicable, or country)	
Mailing Address: 3636 Redondo Drive	
Lafayette, IN 47905	
Citizenship: US	
Inventor's Signature (if not contained in the request, or if declaration is corrected or added under Rule 261er after the filing of the international application. The signature must be that of the inventor, not that of the agent)	Date:6/10/04. (of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)
77.4.17	
. This declaration is continued on the following sheet. "Continuati	on of Box No. VIII (iv)".



## POWER OF ATTORNEY

(for an international application files under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated as they appear in the request):
BARKET, Jr., Dennis 2306 Ottawa Drive Lafayette, IN 47906
hereby appoints (appoint) the following person as:
Name and address (Family name followed by given name: for a legal entity, full official sesignation. The address must include postal code and name of country.)
MATKIN, Mark S., Reg. No. 32,268; MALHOTRA, Deepak, Reg. No. 33,560; HENDRICKSEN, Mark W., Reg. No. 32,356; LATWESEN, David G., Reg. No. 38,533; GRIGEL, George G., Reg. No. 31,166; GRZELAK, Keith D., Reg. No. 37,144; SHAURETTE James D., Reg. No. 39,833; KENADY, D. Brent, Reg. No. 40,045; LAKE, James E., Reg. No. 44,854: TAYLOR, Jennifer J., Reg. No. 48,711; HYTA, Robert C., Reg. No. 46,791; and KARRA, Satheesh K., Reg. No. 40,246 Wells, St. John, P.S. 601 West First Avenue, Suite 1300 Spokane. WA 99201-3828 USA
to represent the undersigned before
the International Searching Authority only
the International Preliminary Examining Authority only
in connection with the international application identified below:
Title of the invention: Mass Spectrometry Instruments and Methods (PCT/US04/12849)
Applicant's or agent's file reference: GR6:-014
International application number (if already available):
filed with the following Office US as receiving Office and to make or receive payments on behalf of the undersigned.
Signature of the applicant(s) (where there are several applicants, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs of such capacity is not obvious from reading the request or this powers:
Dennis Barket, Jr.
Date: 7/27/04

## **PCT**

## POWER OF ATTORNEY

(for an international application filed under the Patent Cooperation Treaty)

(PCT Rule 90.4)

The undersigned applicant(s) (Names should be indicated	d as they appear in t	the request):
WELLS, J. Mitchell		1,
3636 Redondo Drive	•	
Lafayette, IN 47905		
hereby appoints (appoint) the following person as:	agent	common representative
Name and address		
(Family name followed by given name: for a legal entity, full	official designation.	The address must include postal code and name of country.)
·		•
MATKIN, Mark S., Reg. No. 32,268; MALHOT Reg. No. 32,356; LATWESEN, David G., Reg.	No. 38 533: GE	IG. NO. 33,560; HENDRICKSEN, Mark W.,
GRZELAK, Keith D., Reg. No. 37,144; SHAUF	RO. 50,555, GR	) Rea. No. 39 833: KENADY D. Brent
Reg. No. 40,045; LAKE, James E., Reg. No. 4	4,854; TAYLOR	Jennifer J., Reg. No. 48,711; HYTA, Robert
C., Reg. No. 46,791; and KARRA, Satheesh K	, Reg. No. 40,2	46
Wells, St. John, P.S. 601 West First Avenue, Suite 1300		
Spokane, WA 99201-3828 USA		,
to represent the undersigned before	all the cor	npetent International Authorities
	the Interna	ational Searching Authority only
`	the Interna	ational Preliminary Examining Authority only
in connection with the international application identifi	ed below:	
Title of the invention. Mass Spectron	netry Instrumen	ts and Methods (PCT/US04/12849)
The of the invention.	,	(101/0004/1204)/
Applicant's or agent's file reference:	GR61-014	
International application number (if a	lready available):	
````		
filed with the following Office US.		as receiving Office
and to make or receive payments on behalf of the under	rsigned.	
Signature of the applicant(s) (where there are several applicant	is, euch of them must sig	en: next to each signature, indicate the name of the person signing and
the cupacity in which the person	signs, if such capacity	is not obvious from reading the request or this power):
_		
#- Mitchell Wells	-	<del>-</del> : · · ·
•		
/ /		
Date: 7/27/04		

# **PCT**

## GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)
(PCT Rule 90.5)

The undersigned person(s):  IFamily name followed by given name: for a legal entity, full	official designatio	n. The addre	ss must include pos	stal code and name of country)
Griffin Analytical Technologies, Inc. 3000 Kent Avenue	-		-	the second secon
West Lafayette, IN 47906				
				•
hereby appoint(s) the following person as:	<b>X</b> agent		commonr	epresentative
Name and address (Family name followed by given name: for a legal entity, full	official designation	n. The addres	ss must include pos	tal code and name of country.)
Mark S. Matkin, Reg. No. 32,268; Deepak Malh 32,356; David G. Latwesen, Reg. No. 38,533; O. 37,144; James D. Shaurette, Reg. No. 39,8 No. 44,854; Jennifer J. Taylor, Reg. No. 48,711 Reg. No. 40,246 Wells, St. John, P.S.	George G. Griç 133; D. Brent F	gel, Reg. N Kenady, Re	lo. 31,166; Kei eg. No. 40,045	ith D. Grzelak, Reg. ; James E. Lake, Reg.
601 West First Avenue, Suite 1300 Spokane, WA 99201-3828				
to represent the undersigned before	X all the c	ompetent In	ternational Author	orities
	the Inter	national Sea	arching Authority	y only
	the Inter	national Pre	liminary Examir	ning Authority only
in connection with any and all international applications	s filed by the un	dersigned w	ith the following	g Office
US				as receiving Office
and to make or receive payments on behalf of the under	signed.			
Signature(s) (where there are several persons, each of them must sign; if such capacity is not obvious from reading this ;	ect to each signature, power):	indicate the nar	ne of theperson signing	g and the cupacity in which the person
·				
·				
_ \ _ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				
Dennis Barket, Jr., Ph.D.				
President, Griffin Analytical Technologies, Inc.			•	
Date: 2/9/04				